PATENT

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[1] auch 30, 2005

Lawrence Teague

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Zaihui Zhang et al.

Int'l Application No.:

PCT/CA03/00921

U.S. Application No.:

10/519,159

Int'l Filing Date

June 18, 2003

For

METHODS OF USING BENZOTHIOPHENONE DERIVATIVES

TO TREAT CANCER OR INFLAMMATION

Docket No.

: 540057.413USPC

Date

: March 30, 2005

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they

are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants note that reference AI (JP 60-214994) is written in Japanese. Accordingly, applicants respectfully direct the Examiner's attention to reference CK, which is an English abstract regarding published Japanese patent application JP 60214994.

Applicants note that reference AJ (JP 63-159841) is written in Japanese. Accordingly, applicants respectfully direct the Examiner's attention to reference CL, which is an English abstract regarding published Japanese patent application JP 63159841.

Applicants note that reference AK (JP 63-173690) is written in Japanese. Accordingly, applicants respectfully direct the Examiner's attention to reference CM, which is an English abstract regarding published Japanese patent application JP 63173690.

Applicants note that reference AP is written in Russian. The following is the English title of the document: Determination of parameters of molecules of polymethine dyes in the ground and electronically excited states by the electrochromism.

Applicants note that reference BF is written in German Accordingly, the Examiner's attention is respectfully directed to the first page of the document, which provides an English abstract. Additionally, applicants provide the following English title: Quantum-chemical studies on dye aggregates. XII. Aggregate structures of merocyanines.

Applicants note that reference BG is written in German Accordingly, the Examiner's attention is respectfully directed to the first page of the document, which provides an English abstract. Additionally, applicants provide the following English title: LCAO MO calculations of sulfur-containing π -electron systems. XXXIV. No-bond S,S-interaction in polymethine dyes.

Applicants note that reference BK is written in Russian. The following is the English title of the document: Determination of electrooptical parameters of polymethine dyes by electrochromic method.

Applicants note that reference BL is written in German Accordingly, the Examiner's attention is respectfully directed to the first page of the document, which provides an English abstract and title.

Applicants note that reference CH is written in Russian. The following is the English title of the document: Study of the kinetics of decay of short-lived photoisomers of dimethinemerocyanines, derivatives of 3-hydroxythionaphthene in different solvents.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC

Carol J. Roth

Registration No. 32,782

CJR:ljt

Enclosures:

Postcard Transmittal Form Form PTO-1449 (3 Sheets) Cited References (30)

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FORM PTO-1449

PARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. 540057.413USPC APPLICATION NO. 10/519,159

APPLICANTS

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Zaihui Zhang et al. INT'L FILING DATE

June 18, 2003

GROUP ART UNIT Not Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2748114	05/29/56	Brooker et al.	260	240.4	
	AB	2794802	06/04/57	Horwitz	260	240	
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	АН	6262044	07/17/01	Møller et al.	514	202	
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-		DOCUMENT	DATE	COUNTRY		LATION
	<u> </u>	NUMBER	DATE	COONTRI	YES	NO
	AK	GB 686678	01/28/53	GB		
	AL	JP 60214994	10/28/85	JP		X
	AM	JP 63159841	07/02/88	JP		X
	AN	JP 63173690	07/18/88	JP		X
	AO	WO 95/10513	04/20/95	PCT		

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AQ	Cool, D.E., et al. "cDNA isolated from a human T-cell library encodes a member of the protein-tyrosine-phosphatase family" PNAS USA (1989) 86(14):5257-61.
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EXAMINER

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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

(REV.7-80)

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EXAMINER

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